VIORE™ TECHNOLOGY & INNOVATION

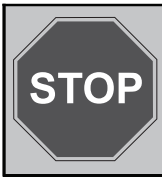
OPERATING INSTRUCTIONS

22" 1080p LCD Television with LED Backlight

LED22VF50

AIR (TV)/CABLE MODE SELECTION

The Air/CABLE menu option is set to the “CABLE” (Cable Television) mode at the factory. If you want to use an antenna for the built-in TV tuner, this menu option must be set to the “Air” mode. Please refer to “6. Channel MENU” in page 14 of this manual for the details.



FOR QUESTIONS OR TECHNICAL SUPPORT
Please call:
1-877-777-1428 (USA / PUERTO RICO)
1-877-777-1429 (CANADA)
Please do not return this TV to the store.

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Important Safety Instructions

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings, install in accordance with the instructions.

8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Unplug this apparatus during lighting storms or when unused for long periods of time.

13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14)Onlyuseattachments/accessories specified provided by the manufacturer, the product is supplied by AC adapter, the AC adapter is used as disconnect device, the disconnect device shall remain readily operable

15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.

16) No naked flame sources, such as lighted candles, should be placed on the apparatus.

17) Attention should be drawn to the environmental aspects of battery disposal.

18) The use of apparatus in moderate climate.

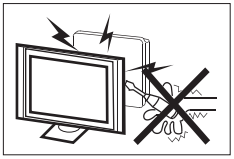
WARNING:
To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING:
The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

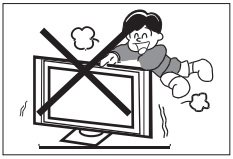
WARNING:
Never place heavy or sharp objects on the LCD panel or frame.

WARNING:
The excessive sound pressure from earphones and headphones can cause hearing loss.

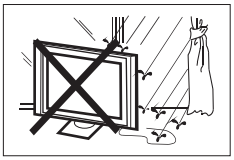
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



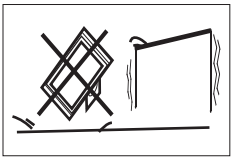
High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



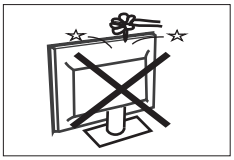
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



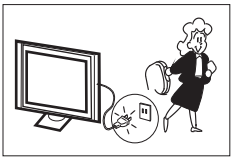
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



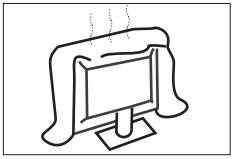
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual , and damage to the television, may result if it falls.



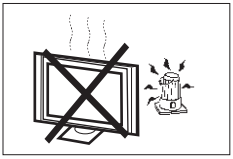
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



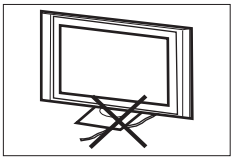
When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



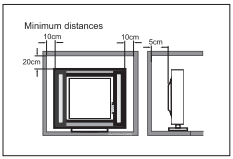
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



Do not trap the power supply cord under the television receiver.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Main features

- 22” wide screen for a complete home theater experience
- Super slim LCD TV with LED backlight
- 1920 x 1080 native resolution for Full-HD (1080p) performance
- Integrated ATSC TV tuner for HDTV broadcast reception
- Beautiful color depth with a dynamic contrast ratio of 10000:1
- Dual HDMI inputs for true digital connections
- VGA port for connection to PC

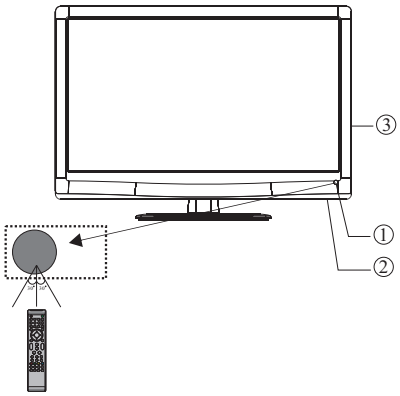
Accessories

Adapter.....	1
Infrared Remote Control.....	1
User’s Manual	1
Battery(AAA).....	2
QSG.....	1

Main parameter

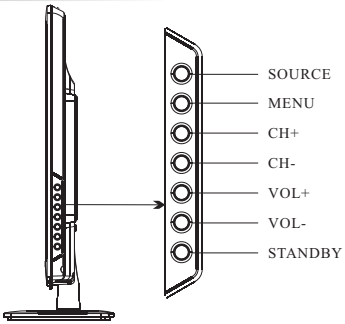
Viewing Picture Size(diagonal)	22 inch
Resolution:	1920x1080
Aspect Ratio:	16:9
TV System:	ATSC Digital system and NTSC Analog system
Video Signal System:	NTSC/PAL/SECAM
Receiving Channel:	Cable :1-135/ Air: 2-69(ATV&DTV)
Power consumption:	35W
Input Power Voltage:	DC 12V
Audio Output Power(THD ≤ 7%):	2x3W
Rear High-Definition Multimedia Interface(HDMI) Input	x 2
YCb(Pb)Cr(Pr) Input	x 1
Rear Composte Video Input	x 1
Analog RGB(VGA) Input	x 1
Audio Input	x 2
Headphone Output	x 1
Coaxial Output	x 1
Horizontal definition(TV line)	Composite Video Input >=350 Video Input >=400 YCb(Pb)Cr(Pr) >=400

Front panel



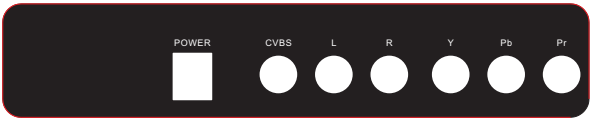
1: Remote control sensor.
2: Indicator LED:
BLUE ◯ POWER ON.
RED ● STAND BY.
3: Key board.

KEYBOARD



1. **SOURCE:**
Display the input source menu.In MENU mode,press "SOURCE" to confirm the selected item.
2. **MENU:**
Display main MENU.
3. **CH+/CH-**
In TV mode, press "CH+" or "CH-" to change the channel up and down.
In MENU mode, press "CH+" or "CH-" to select items .
4. **VOL+/VOL-**
Adjust sound level.
In MENU mode, press "VOL+" or " VOL-" to adjust the item that you selected.
5. **STANDBY**
Press this button to turn the unit ON from STANDBY mode.
Press it again to turn the set back to STANDBY.

REAR Connections

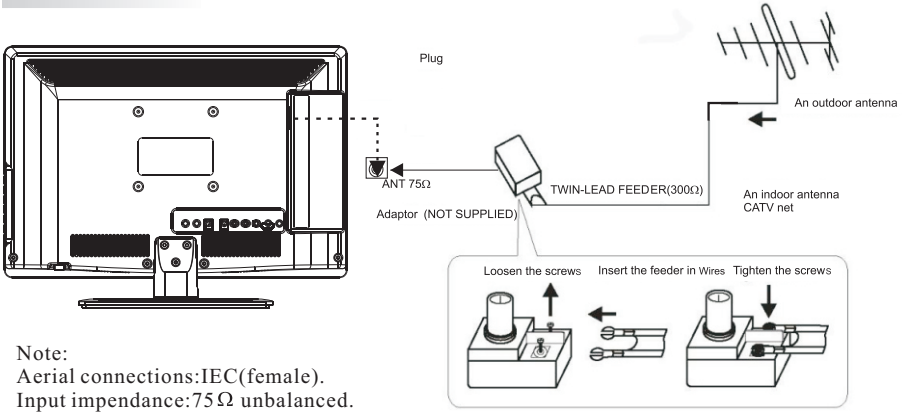


All the terminals are(from left to right):POWER SOCKET,AV,AUDIO INPUT,YPbPr INPUT
Note: CVBS and YPbPr share one audio channel.

SIDE Connections

All the terminals are(from left to right):
HDMI1,HDMI2,USB,VGA,HEADPHONE ,PC AUDIO ,COAXIAL ,RF
Note: 1. When HDMI1 port get DVI signal ,the audio signal receives from the PC Audio channel.
2. When HDMI2 port get DVI signal ,the audio signal receives from the YPbPr/AV Audio channel.

ANTENNA

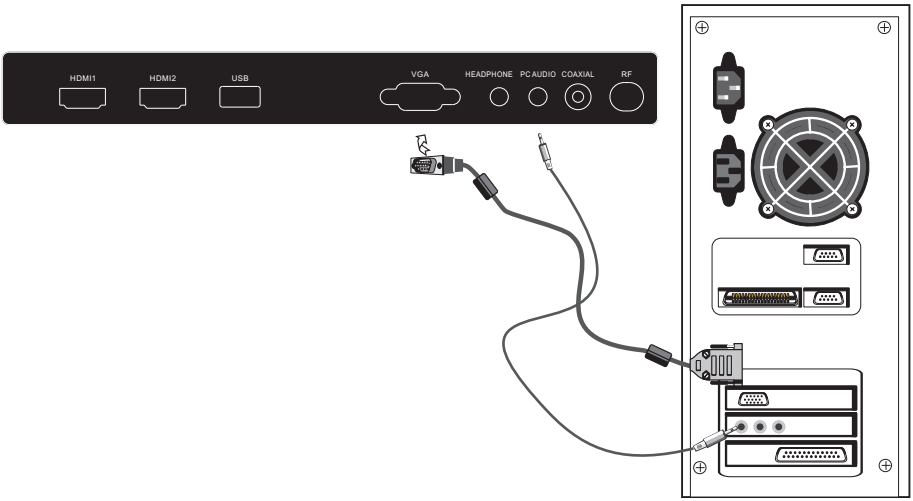


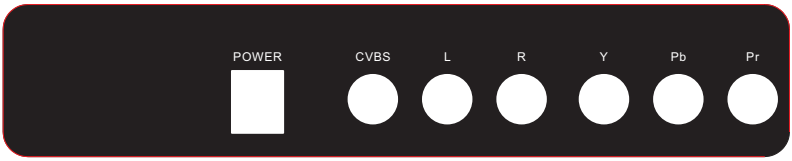
Note:
Aerial connections:IEC(female).
Input impendance:75Ω unbalanced.

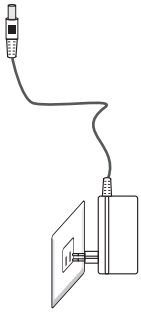
PC

STEPS:

Be sure both the TV and computer are set to Power off.
1.Connect VGA and audio cable.
2.Connect the power cord.
3.Power on the TV, switch to PC mode.
4.Power on the PC.
This sequence is very important.







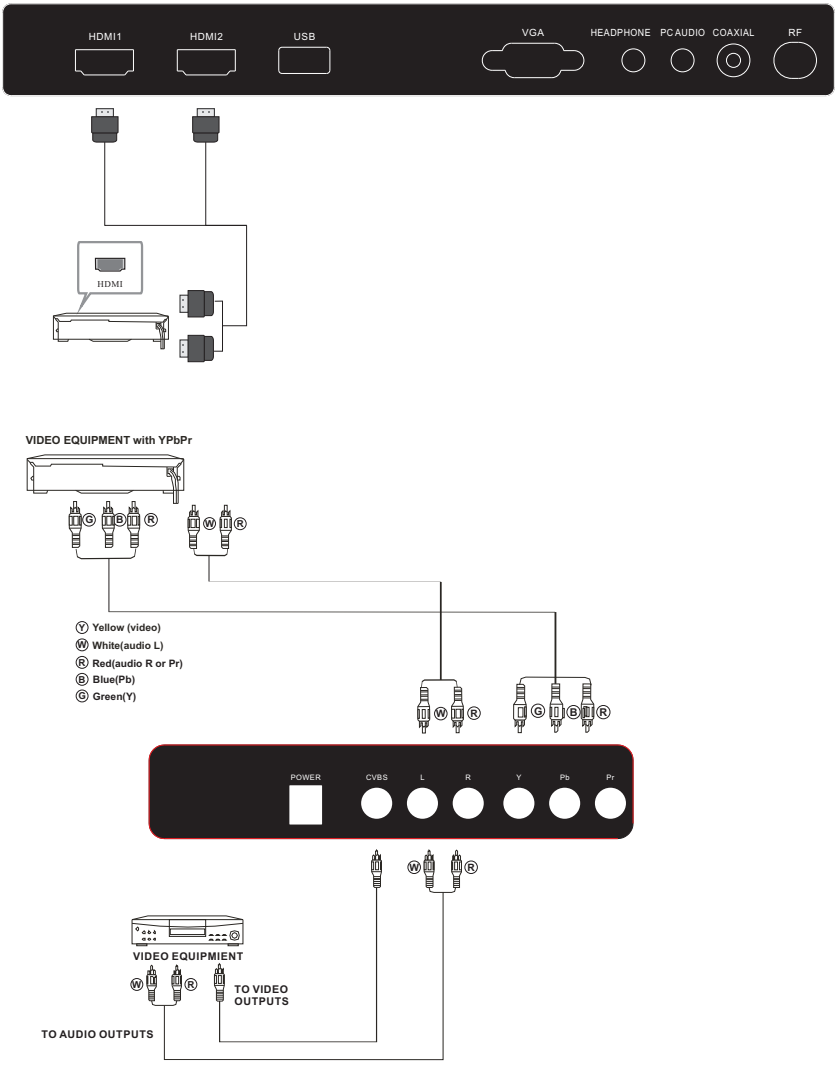
PC

PRESET MODE

	RESOLUTION	V.Freq.(Hz)	H.Freq.(KHz)
1	720*400	70	31.47
2	640*480	60	31.47
3	640*480	75	37.50
4	800*600	60	37.88
5	800*600	75	46.88
6	1024*768	60	48.36
7	1024*768	70	56.48
8	1024*768	75	60.02
9	1280*1024	60	63.98
10	1280*1024	75	80.00

AV EQUIPMENT

You can use the input terminals on TV set rear as follows.

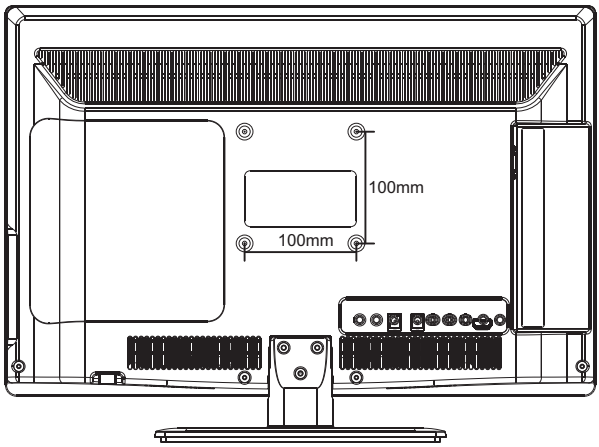


It can be connected to the following appliances: VCR, multi disc player, DVD, camcorder, video game or stereo system, etc.....
YPbPr can support these video formats:480i,576i,480p,576p,720p,1080i.

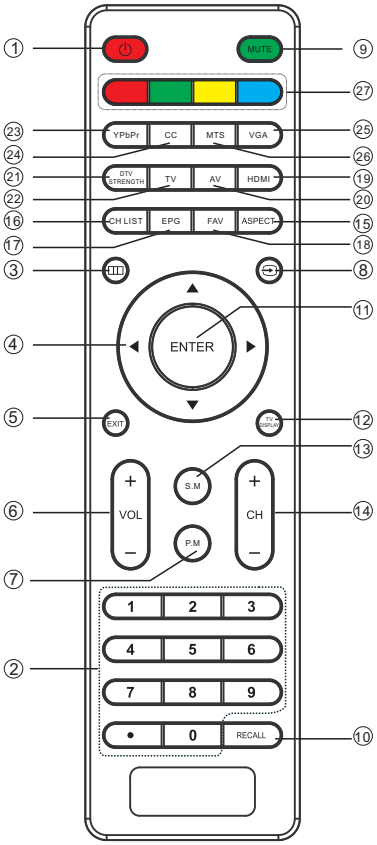
Instruction for Wall Mount

A wall mount kit (purchased separately) would allow you to mount your VIORE TV on the wall. For detailed information on installing the wall mount, refer to the instructions provided by the wall mount manufacturer. It is strongly recommended to contact a technician for professional assistance for wall mount installation. VIORE is not responsible for any damage to the product or injury to yourself or others resulting from the wall-mounting.

Dimensions for Mounting Hole Pattern



- This VIORE TV is compatible with a 100mm x 100mm mounting hole pattern.
- 4 pcs of type M4 screws are required for installing the wall mount bracket to your VIORE TV. Do not use screws that are longer than 10 mm. Screws that are too long may cause damage to the inside of the TV set.
- Do not fasten the screws too tight for this may damage the TV or cause the TV to fall, resulting in personal injury. VIORE is not liable for these kinds of incidents
- Do not mount your VIORE TV at more than a 15 degree tilt.
- Always use two people to mount the TV to a wall.
- Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.



1: **POWER**
To set the TV standby or on.
2: **NUMBER KEY**
For direct access to program.
3: ▯▯
Displays the main on-screen menu.
4: **CURSOR**
To move within the menu.
5: **EXIT**
Used to exit menu.
6: **VOL+/-**
To adjust sound level.
7: **P.M**
To switch picture mode.
8: ⇨
Press to display and select the available video sources.
9: **MUTE**
To disable or enable the sound.
10: **RECALL**
To access the previously viewed program.
11: **ENTER**
Confirms selection.
12: **TV DISPLAY**
Displays/removes the program Information
13: **S.M**
To switch sound mode.
14: **CH+/CH-**
To access the next or previous Program.
15: **ASPECT**
To change picture aspect .
16: **CH LIST**
Used to display the channel list.
17: **EPG**
Display all the information of DTV programs.
18: **FAV**
Used to access your favourite channels in digital TV mode.
19: **HDMI**
Hot key directly go to HDMI source.
20: **AV**
Hot key directly go to AV source.
21: **DTV STRENGTH**
Used to display the DTV signal strength menu.
22: **TV**
Hot key directly go to TV source.
23: **YPbPr**
Hot key directly go to YPbPr source.
24: **CC**
Enable or disable the CC function.
25: **VGA**
Hot key directly go to VGA source.
26: **MTS**
Switch the sound stereo.
27: **COLOR KEYS**
Reserved keys

Insert Batteries Into the Remote Control

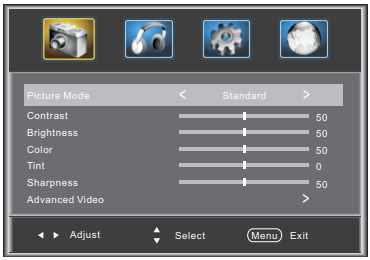
1. Remove the battery cover.
2. Inserting the 2 AAA 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Mount the battery cover.
Replace with new batteries when the TV set begins to show the following symptoms:
Operation is unsteady or erratic. Sometimes the TV set does not function with Remote Control Unit.

Remark:

1) Alkaline Battery Recommended.
2) Remove batteries when they are exhausted or if the remote control is not to be used for long time.

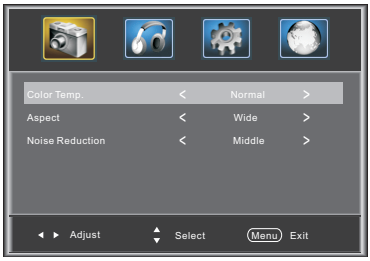
1. PICTURE MENU

The first item of the MENU is PICTURE MENU.
You can adjust picture effect here, such as contrast, brightness, etc.
Press ▼▲ to select, press ◀ ▶ to adjust, press MENU to exit.



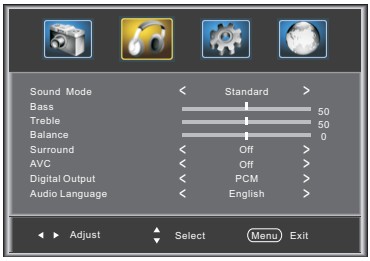
Note:
If you want to adjust contrast, brightness, color, and sharpness , the picture mode must return to "Custom" status.

Advanced Video:
Press ▼▲ button to select Advanced Video ,Press ▶ button, the screen will display as follow:



2.AUDIO menu

The second item of the MENU is AUDIO MENU.
You can adjust sound here.
Press▼▲ to select, press ◀ ▶ to adjust, press MENU to exit.



Note:
The item of Audio language is available in ATSC program.

3. SETUP MENU

The third item of the MENU is SETUP MENU.
You can setup system here.
Press ▼▲ to select, press ◀ ▶ to adjust, press MENU to exit.

Note:
Restore Default: Reset all the settings to default value.

3.1. Parental Controls:

Press ▼▲ button to select Parental Controls ,Press ▶ button, the screen will display as follow:

Input the password, it will go into Parental Control menu. Factory default password is 6666.

Change Password:

Press ▶ button, the screen will display as follow:

1).Old password: Input the old password

2).New password: Input the new password

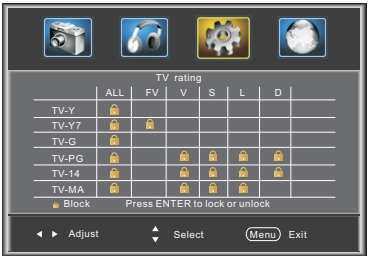
3).Confirm password: Input the new password again

P.G switch:

When the Parental Control switch is ON, the below options can be adjusted.

US: Press ▶ button, the screen will display as follow:

1):TV: Press ▶ button, the screen will display as follow:



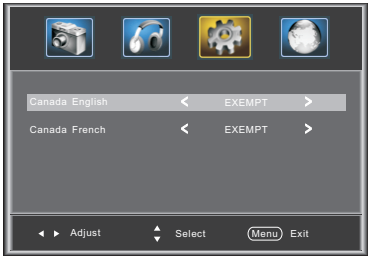
Rating	Content	Content				
		FV (Fantasy violence)	V (Violence)	S (Sexual situation)	L (Adult language)	D (Sexually suggestive dialog)
Suggested age	TV-Y (All children)					
	TV-Y7(Direct to order children)	X				
	TV-G(General audience)					
	TV-PG(Parental Guidance suggested)		X	X	X	X
	TV-14(Parents strongly cautioned)		X	X	X	X
	TV-MA(Mature audience only)		X	X	X	

And use ENTER key to switch lock/ unlock Parental Control feature.

2).MPAA:switch the movie-rating control level; N/A, G,PG, PG-13,R,NC-17,X.

Rating		Description
Age	G	General audiences, All Ages admitted
	PG	Parental Guidance suggested. Some material may not be Suitable for children.
	PG-13	Parents strongly cautioned. Some material .may be Inappropriate for children under 13.
	R	Restrict. Under 17 requires accompanying parent or adult guardian(age varies in some jurisdictions)
	NC-17	No one 17 and under admitted.
	X	X is an order rating that is unified with NC-17 but may be encoded in the data of order movies.

Canada: Press ▶ button, the screen will be displayed as follow:



1): Canada English: switch the english rating control level:EXEMPT,C,C8+,G,PG,14+,18+.

Rating		Description
Age	E	Exempt: Includes news, sports, documents and other information programming: talk shows, music videos, and variety programming.
	C	Children: Intended for younger children under the age of 8 years. Pays careful attention to themes that could threaten their sense of securityand well-being.
	C8+	Children over 8 years old: Contains no portrayal of violence as the preferred, acceptable, or only way to resolve conflict; nor encourage children to imitate dangerous acts which they may see on the screen .
	G	General: Considered acceptable for all age groups, Appropriate viewing for the entire family, contains very little violence, physical, verbal or emotional.
	PG	Parental Guidance: Intended for a general audience, but may not be suitable for younger children (under the age of 8) because it could contain controversial themes or issues.
	14+	Over 14 Years: Could contain themes where violence is one of the dominant elements of the storyline But it must be integral to the devel opment of plot or character. Language usage could be profane and nudity , present within the context of theme.
	18+	Adults: Intended for viewers 18 years and older and might contain depictions of violence, which while related to the development of plot, character or themes, are intended for adult viewing. Could contain graphic language and portrayals of secretary and nudity.

2).Canada French: switch the French-rating control level: E, G,8ANS+,13 ANS+,16ANS+,18ANS+.

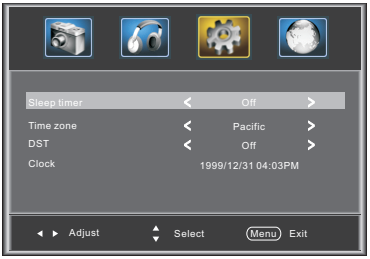
Rating		Description
Age	E	Exempt programming
	G	General :All ages and children, contains minimal direct violence, but may be integrated into the plot in a humorous or unrealistic manner .
	8ans+	General but inadvisable for young children :May be viewed by a wide public audience, but could contain scenes disturbing to children under 8 who cannot distinguish between imaginary and real situations. Recommended for viewing with paren.
	13ans+	Over 13 years: Could contain scenes of frequent violent scenes and in tense violence.
	16ans+	Over 16 years: Could contain frequent violent scenes and violence.
	18ans+	Over 18 years: Only for adult viewing. Could contain frequent violent scenes and extreme violence.

RRT setting: in ATSC digital TV mode, it could be adjusted

Reset RRT: Press ▶ button, the screen will be displayed as follow:

3.2 Timer

You can adjust timer here.
Press▼▲ to select, press ◀ ▶ to adjust, press MENU to exit.

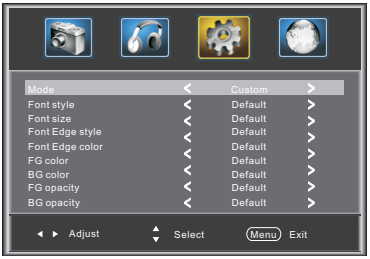


Sleep Timer: adjust this item , you can set the sleep timer .
Note:
The item of Time zone, the item of DST and the item of clock are available in ATSC program,and the Clock item can't be adjust.

3.3 Closed Caption: switch close caption mode.

Press▼▲ button to select Closed Caption ,Press ▶ button, the screen will display as follow:

1):Advanced selection: only ATSC program is available.
2):Option:Used to edit CC font.
Press ▶ button, the screen will display as follow:



NOTE: Only ATSC program is available.

3.4 Menu Settings

You can adjust Menu Settings here.
Press▼▲ to select, press ◀ ▶ to adjust, press MENU to exit.

3.5 VGA Settings: In PC Mode is available.

Press ▼▲ button to select VGA Settings ,Press ▶ button, the screen will display as follow:

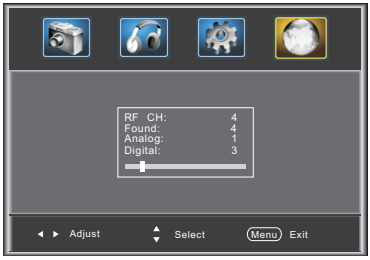
1).H-Pos:Adjust the horizontal position of the screen.
2).V-Pos:Adjust the vertical position of the screen.
3).Clock: Fine tune the screen width.
4).Phase: Fine tune the phase of the screen. Usually don't adjust this item.
5).Auto: Auto adjust to fit the screen.

4. Channel MENU

The fourth item of the MENU is Channel MENU. You can adjust digital and analoge TV Channel . Press ▼▲ to select, press ◀ ▶ to adjust.

1). Air/Cable: select Air TV signal and cable TV signal.
2). Auto Scan: If it's the first time you use the TV, you should scan all the TV channels first, press the ▶ button to confirm, you will see below menu :

select "yes" item and press the **ENTER** button to confirm, you will see below menu which indicates auto search is in process.

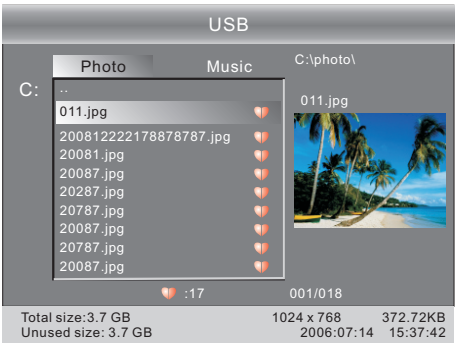


3). Favorite: Press ◀ ▶ button to choose/delete the favorite channel .
4). Show/Hide: Press ◀ ▶ button to display or hide currently channel.
5). Channel NO. :Display the currently channel number.
6). Channel lable: Press ▲▼ button to edit currently channel name.
7). DTV signal: Display DTV signal intension. It can't be selected and adjusted.

5. Multimedia MENU

If you select storage source. You can use Multimedia Menu to play the JPEG picture and Mp3 music.

1. Select Photo item
   If select Photo item,the JPEG menu display on screen below:

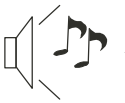
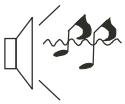
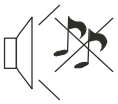
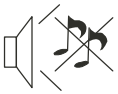
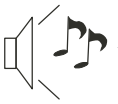
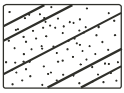
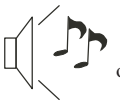


Use ▲▼ select the .jpg files or folders, use "OK" key to play, use EXIT key to stop playing or go to upper menu.

2. Select Music item
   If select Music item,the Music menu display on screen below:

Use ▲▼ select the .mp3 files or folders, use "OK" key to play, use EXIT key to go to upper menu.

: play
: pause
: stop
: fast back
: previouse
: next
: fast forward
: repeat all
: random play

Trouble phenomenon Symptom		Inspection Check
Picture	Audio	
Snow	Noise	antenna position, direction or connection
Ghost	 Normal audio	antenna position, direction or connection
Interference	 Noise	electronic equipment,car/ motorcycle,fluorescent light
Normal Picture	 Mute	Volume(check if mute is activated or if the audio system connections are not correct)
No picture	 Mute	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
No colour	 Normal audio	Colour control
 Picture breaking up	 Normal audio or weak	retune channel
No colour	Noise	TVsystem

The LEDTV panel is built with very high precision technology giving you fine picture details in vibrant color. Occasionally, a few non-active pixels may appear on the screen as a fixed point of red, green, blue, black or white. Please note this does not affect the performance of the product.

VIORE™ LIMITED WARRANTY

FLAT PANEL TELEVISION

This **VIORE** brand Product, as supplied and distributed by **VIORE** and delivered new in the original carton to the original purchaser is warranted by **VIORE** against manufacturing defects in materials and workmanship for a limited warranty period of one (1) year on parts and labor. However, there will be only a 90 day parts and labor limited warranty for commercial use.

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VIORE will repair or if repairs cannot be made, **VIORE** will replace this Product at no charge with the same, like or similar Product if the Product is defective as specified in this limited warranty during the limited warranty period. **VIORE** may use new or remanufactured parts or products to repair or replace the Product at its sole discretion. All replaced parts and Products become the property of **VIORE** and must be returned to **VIORE**. Replacement parts and Products assume the remaining original limited warranty, or ninety (90) days, whichever is longer.

Product freight needs to be prepaid by original purchaser and shipped in either its original packaging or packaging affording an equal degree of protection. **VIORE** shall not be responsible for or obligated to replace damaged goods. If you reside in California and you cannot transport the television due to the size, weight, and method of attachment, **VIORE** will provide transportation for the television to the repair facility. If you reside in a state other than California, you are responsible for the costs of transporting the television to a repair facility.

If the product is received damaged by **VIORE**, it is the responsibility of the consumer to file a claim against the carrier. **VIORE** will only store the damaged product for 30 days and reserves the right, in its sole discretion, to dispose of the damaged product or ship it back to the consumer at consumer’s expense after 30 days.

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Printed in China

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Printed in China